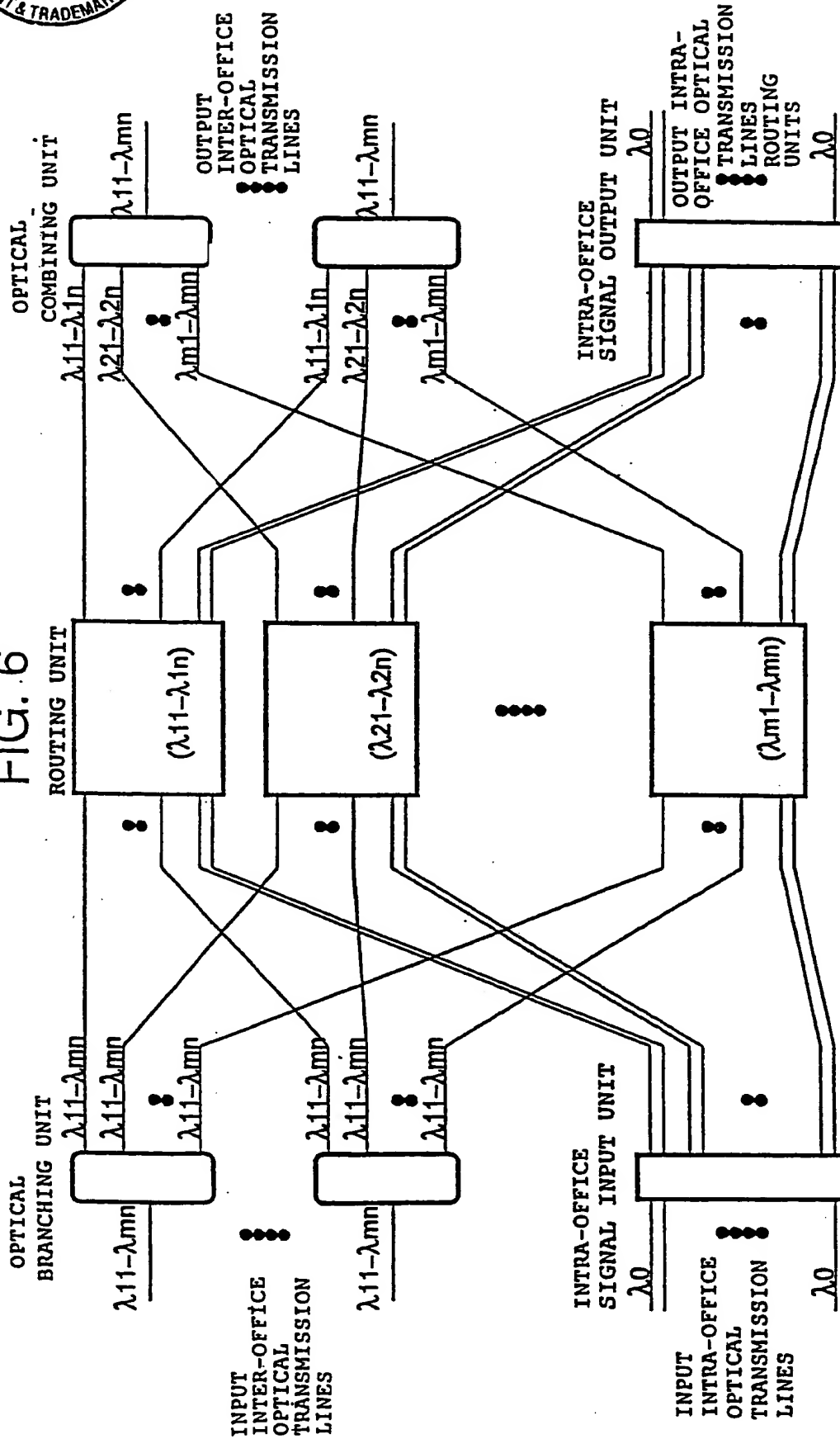




FIG. 6



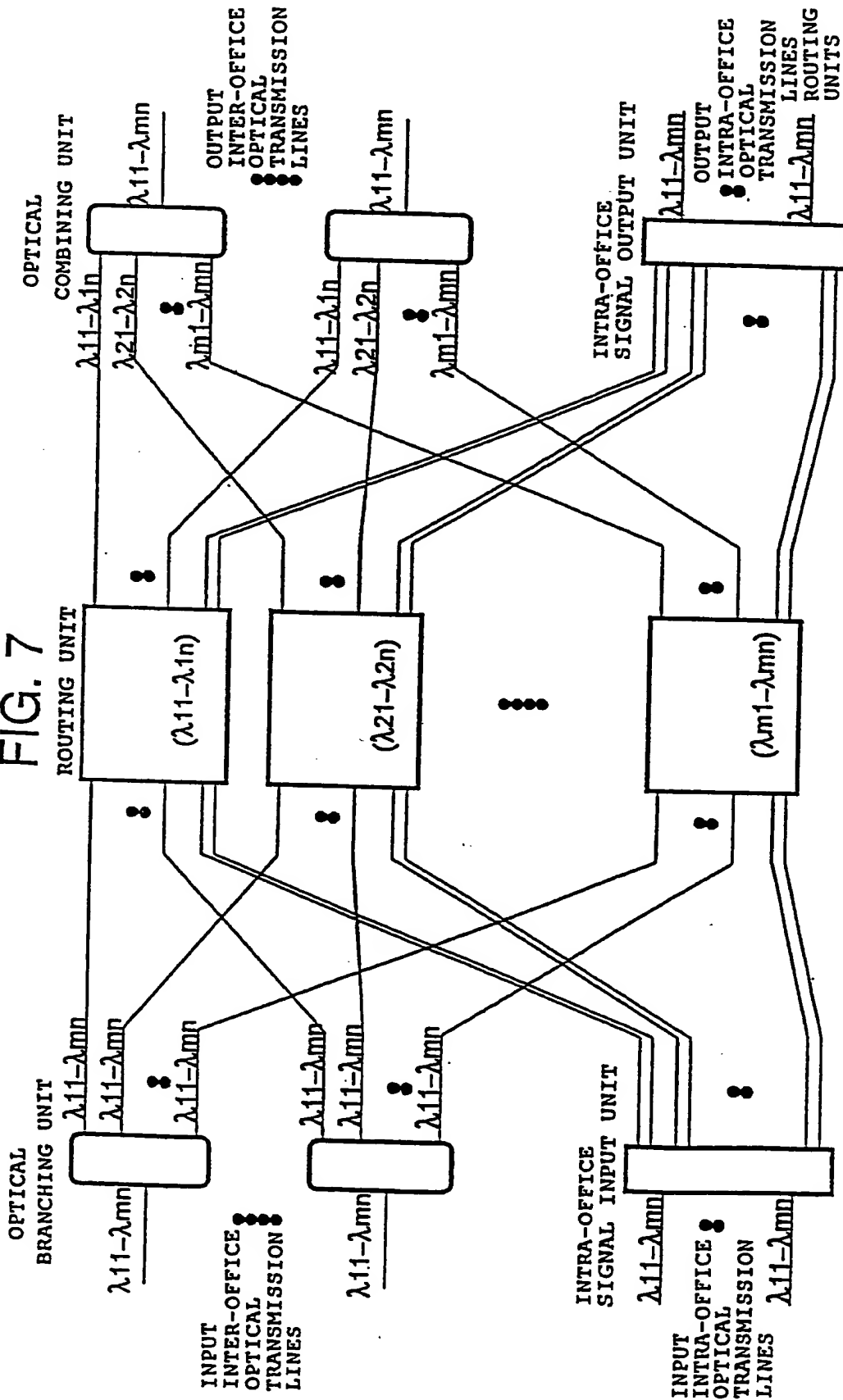
※ SUBDIVIDED INTO "M" PIECES OF ROUTING UNITS

※ IN UNIT OF "N" WAVELENGTHS

※ PROVIDED WITH WAVELENGTH CONVERTER EACH OF THE RESPECTIVE



FIG. 7



※ SUBDIVIDED INTO "M" PIECES OF ROUTING UNITS
 ※ IN UNIT OF "N" WAVELENGTHS
 ※ PROVIDED WITH WAVELENGTH CONVERTER EACH OF THE RESPECTIVE

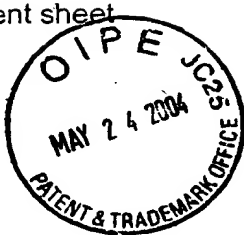
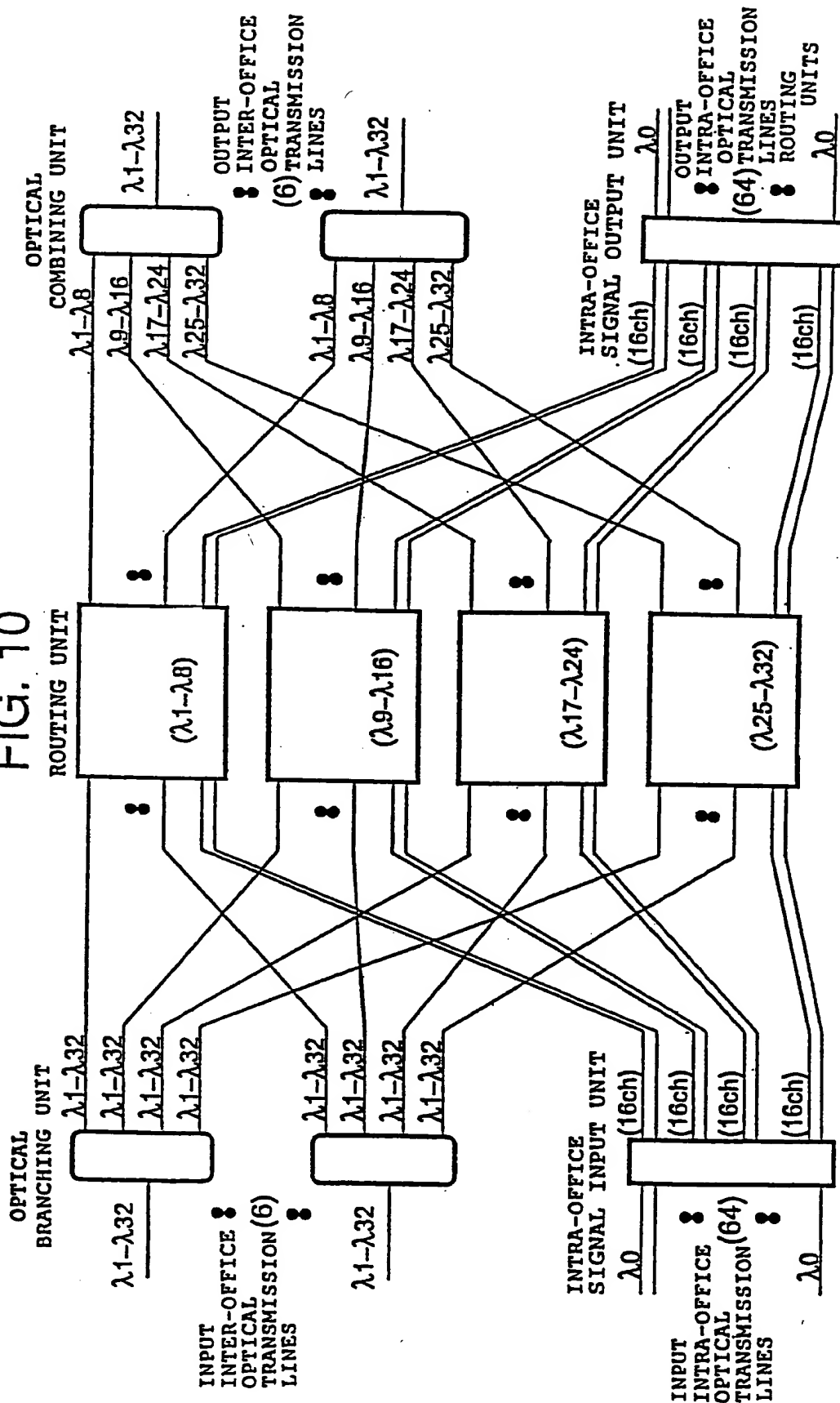


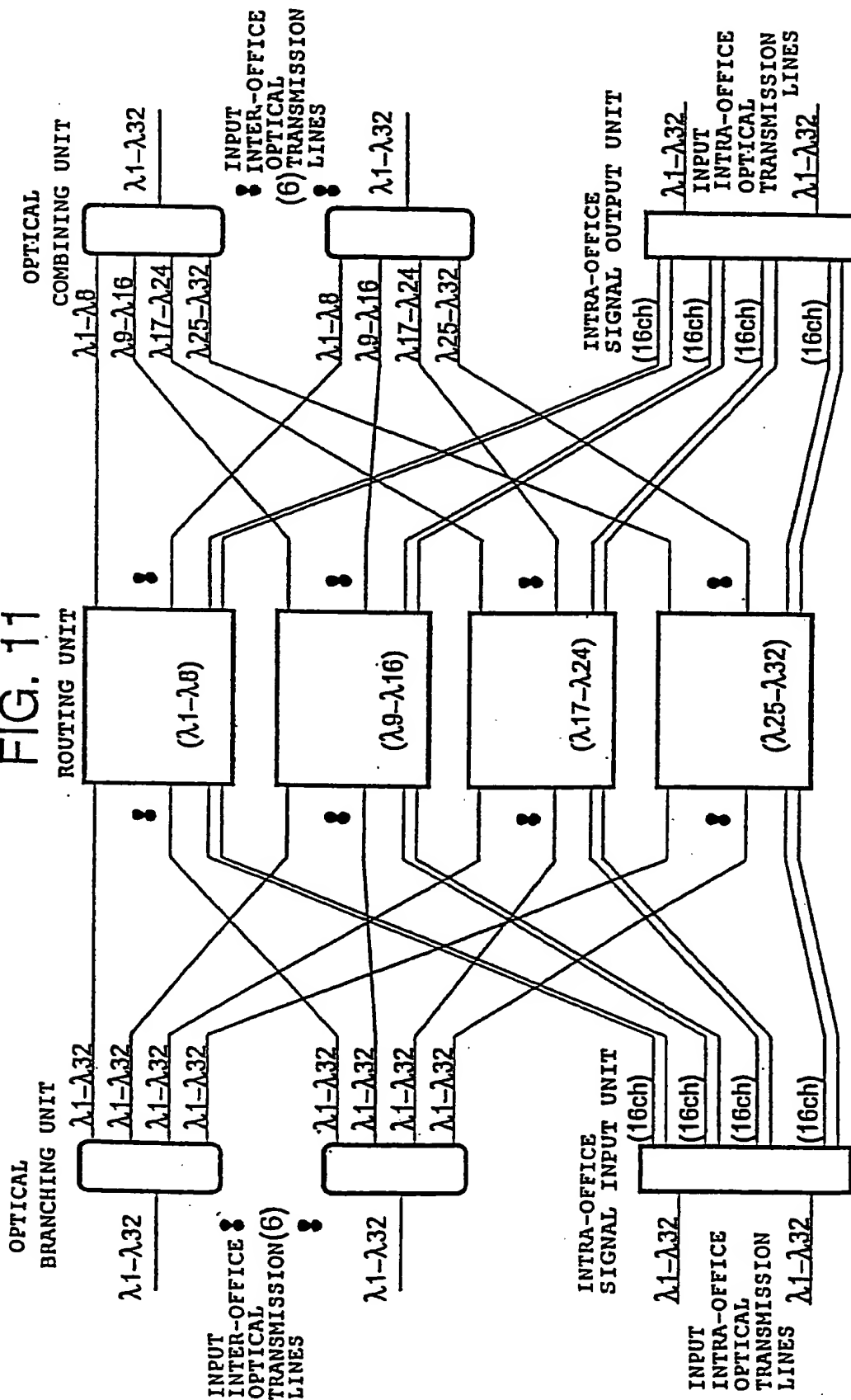
FIG. 10



※ SUBDIVIDED BY 4 PIECES OF ROUTING UNITS IN UNIT OF 8 WAVELENGTHS
 ※ (WAVELENGTH NUMBER : 32)
 ※ INTER-OFFICE OPTICAL SIGNAL CHANNEL NUMBER : 192
 ※ INTRA-OFFICE OPTICAL SIGNAL CHANNEL NUMBER : 64



FIG. 11



SUBDIVIDED BY 4 PIECES OF ROUTING UNITS IN UNIT OF 8 WAVELENGTHS

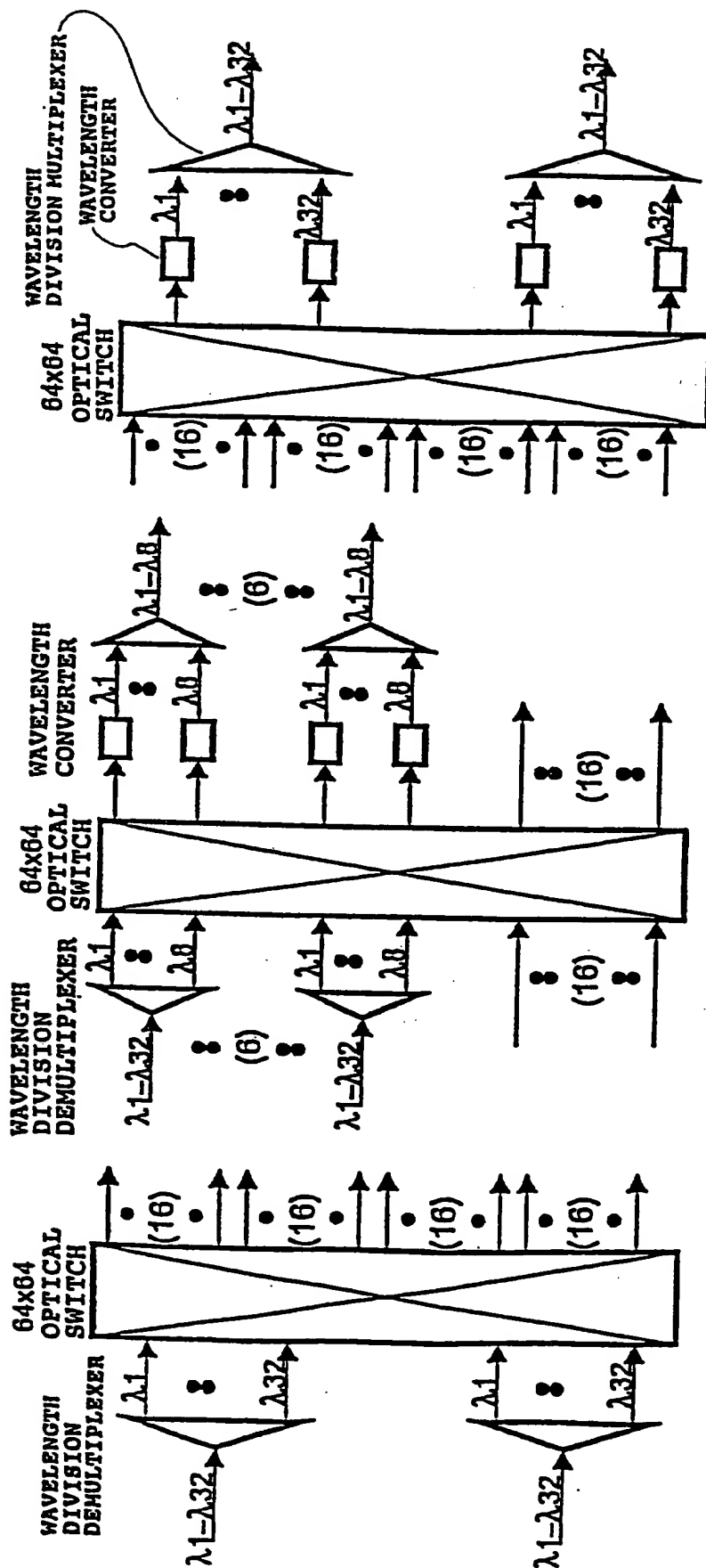
※ (WAVELENGTH NUMBER : 32)

※ INTER-OFFICE OPTICAL SIGNAL CHANNEL NUMBER : 192

※ INTRA-OFFICE OPTICAL SIGNAL CHANNEL NUMBER : 64



FIG. 15



※ ROUTING UNIT FOR λ_1 TO λ_8

(a) INTRA-OFFICE SIGNAL
INPUT UNIT

(b) ROUTING UNIT

(c) INTRA-OFFICE SIGNAL
OUTPUT UNIT